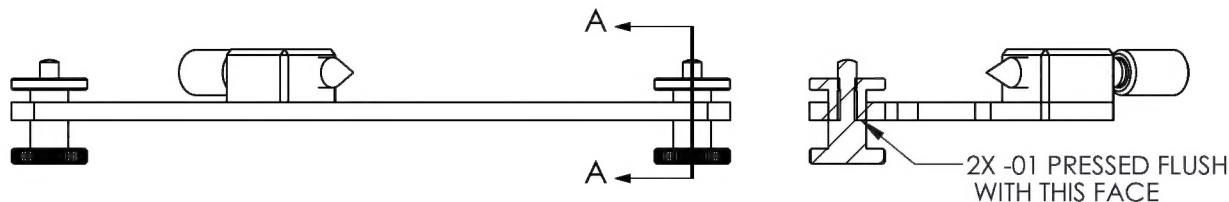
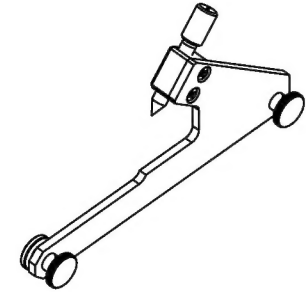
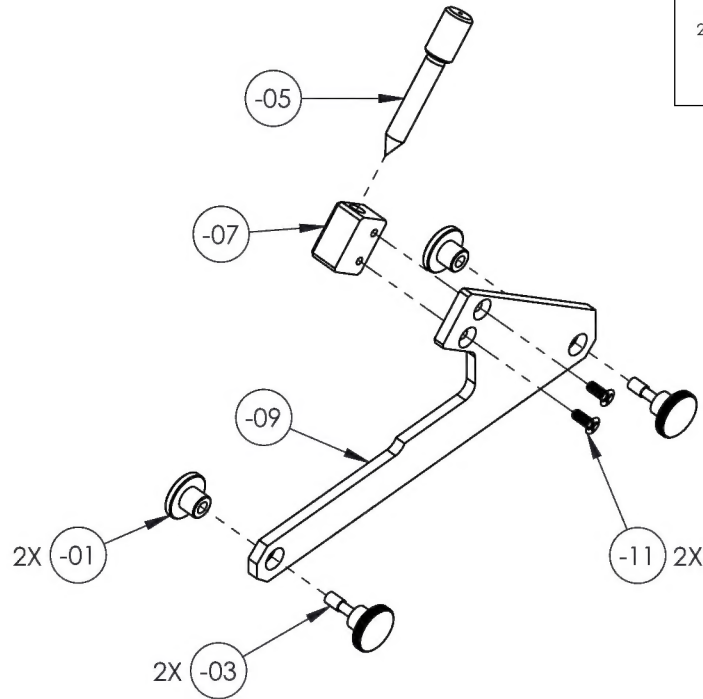


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		CH'D ENGRAVE NOTE, CHANGED Ø.393 PF -55 TO PF -01.	3/11/2011	JAG	
B		<b>-01</b> CH'D PF -63 TO PF -09 ADDED TOLERANCE. <b>-09</b> ADDED TOLERANCE TO Ø.391 HOLE.	8/11/2011	JAG	SE
2	17-0120	UPDATED TO DRAFTING STANDARDS. ADDED NOTE 1 AND 2 SHEET 1. <b>-01</b> CH'D DIM'S WAS Ø.787 IS Ø.79, WAS .015 X 45° (x3) IS 3X Ø2 X 45°, WAS M5 X 0.8 THRU C-BORE Ø.201 DEPTH .309 IS M5X0.8 THRU ALL $\square$ Ø.201 $\nabla$ .31, WAS Ø.3934/.3930 P.F. -09 IS Ø.3944/.3940 (P.F. -09). <b>-03</b> CH'D DIM'S WAS Ø.787 IS (.79), WAS R.197 IS (R.197), WAS .630 IS (.630), DELETED DIM .151. <b>-05</b> CH'D DIM'S WAS 2.584 IA 2.58, WAS 1.797 IS 1.80. DELETED DIM'S .787 AND .270. ADDED NOTE CENTER OK. <b>-07</b> CH'D DIM WAS .240 IS .24. <b>-09</b> ADDED DIM .24. CH'D DIM WAS Ø.177 THRU C-SINK Ø.37 @82° (x2) IS 2X Ø.177 THRU ALL $\nabla$ Ø.37 X 90°. WAS R.218 IS R.22, WAS R.212 IS R.21, WAS .236 X 45° (x3) IS 3X .24 X 45°. CH'D ENGRAVE NOTE WAS ENGRAVE TOOL No. "RBEL134M6704101" S/N, "MADE IN USA" IS ENGRAVE T/N, S/N, "MADE IN USA". <b>-11</b> ADDED P/N 91420A220.	5/19/2017	RJC	JAG



SECTION A-A  
SCALE 1 : 2

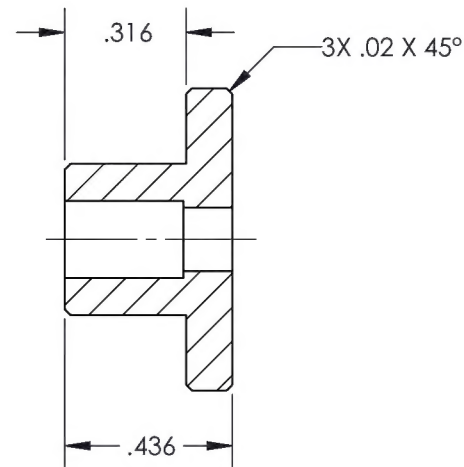
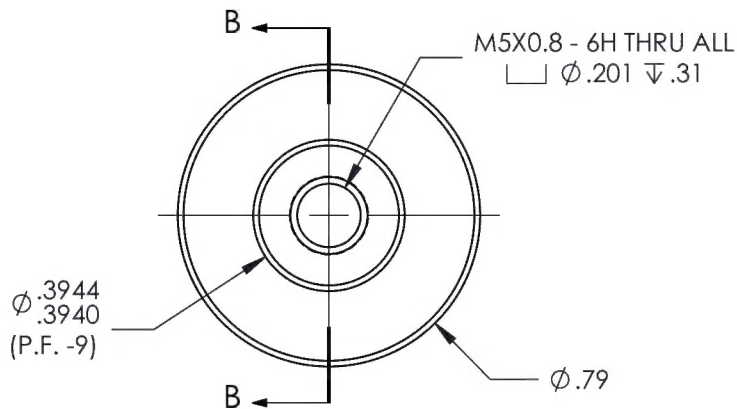
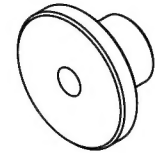
NOTE:  
1. REFERENCE EUROCOPTER T/N L134M6704101.  
2. USED IN KIT RBEA62410.

		TITLE	
		CYCLIC POSITION GAUGE	
DWG NO.		RBEL134M6704-101	
		REV 2	
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH		.XXX ± .005 FRACTIONS ± 1/8	
		.XX ± .01 ANGLES ± 5°	
		.X ± .1 SURFACES = 125 $\sqrt$	
SPEC		1. BREAK ALL SHARP EDGES	
		.015 x 45° OR .015R	
DRAWN BY:		2. DIMENSIONAL LIMITS APPLY	
CHECKED:		AFTER PLATING	
OPPS APPR:		3. INTERPRET DIM AND TOL PER	
QA APPR:		ASME Y14.5M-2009	
APPROVED:		USED ON MODEL	
		EC135	
SCALE		DATE	
1:3		5/19/2017	
		SHEET 1 OF 6	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-01	2	BUTTON	303/304 S.S.		2
			-03	2	THUMB SCREW	S.S.	M5 X0.8 X 16mm JW WINCO #5N16P04 MODIFIED	3
			-05	1	ALIGNMENT SCREW	303/304 S.S.		4
			-07	1	BLOCK	6061		5
			-09	1	PLATE	6061		6
		B/O	-11	2	FLAT HEAD SCREW	STEEL	M4 X 0.7 X 10mm (MCMaster-CARR #91420A220)	1

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
B		-01 CH'D PF -63 TO PF -09 ADDED TOLERANCE.	8/11/2011	JAG	SE
2	17-0120	-01 CH'D DIM'S WAS Ø.787 IS Ø.79, WAS .015 X 45° (x3) IS 3X .02 X 45°, WAS M5 x 0.8 THRU C-BORE Ø.201 DEPTH .309 IS M5X0.8 THRU ALL $\square$ Ø.201 $\nabla$ .31, WAS Ø.3934/.3930 P.F. -09 IS Ø.3944/.3940 (P.F. -09).	5/19/2017	RJC	JAG



SECTION B-B

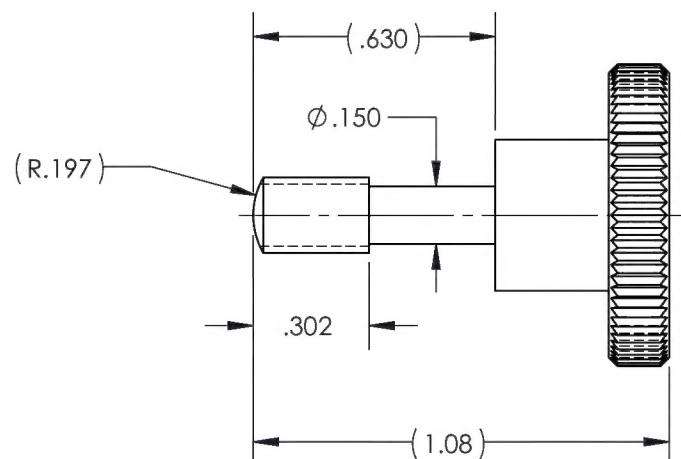
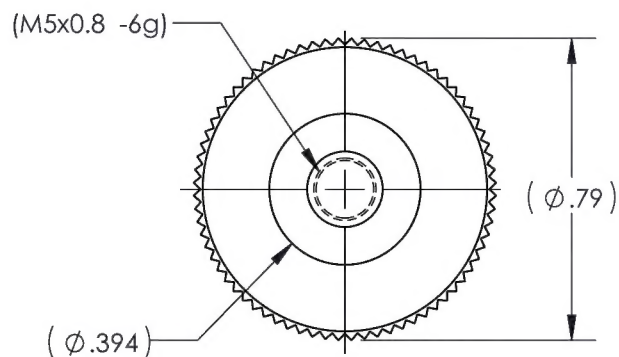
(-01)

BUTTON

<b>DART AEROSPACE</b>	
TITLE <b>CYCLIC POSITION GAUGE</b>	
DWG NO. <b>RBEL134M6704-101-01</b>	REV <b>2</b>
MAT'L 303/304 S.S.	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8
SPEC	.XX $\pm$ .01 ANGLES $\pm$ 5°
DRAWN BY: RJC 05/19/2017	.X $\pm$ .1 SURFACES = 125° ✓
CHECKED: DD 05/22/2017	1. BREAK ALL SHARP EDGES
OPPS APPR: AA 05/24/2017	.015 x 45° OR .015R
QA APPR: JL 05/24/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
APPROVED: JAG 06/01/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 2:1	DATE 5/19/2017
USED ON MODEL EC135	
SHEET 2 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0120	-03 CH'D DIM'S WAS Ø.787 IS (.79), WAS R.197 IS (R.197), WAS .630 IS (.630), DELETED DIM .151.	5/19/2017	RJC	JAG



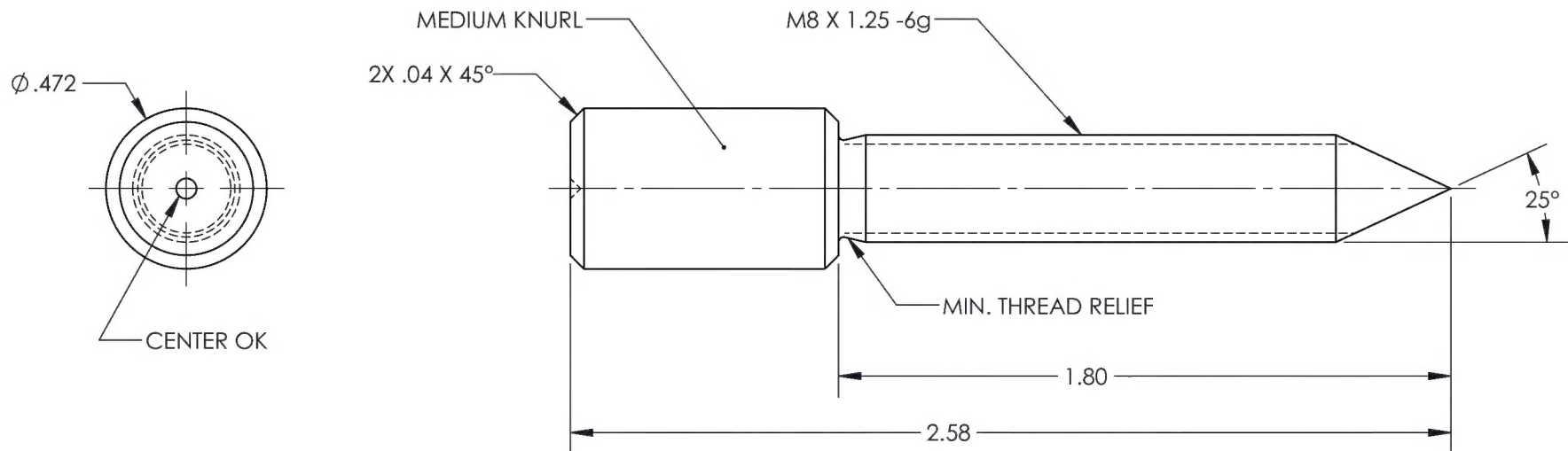
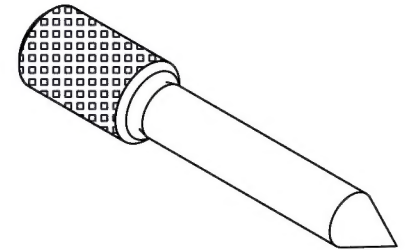
(-03)

THUMB SCREW

<b>DART AEROSPACE</b>	
TITLE <b>CYCLIC POSITION GAUGE</b>	
DWG NO. <b>RBEL134M6704-101-03</b>	REV <b>2</b>
MAT'L S.S.	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: RJC 05/19/2017	1. BREAK ALL SHARP EDGES
CHECKED: DD 05/22/2017	.015 x 45° OR .015R
OPPS APPR: AA 05/24/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
QA APPR: JL 05/24/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
APPROVED: JAG 06/01/2017	USED ON MODEL
SCALE 2:1	EC135
DATE 5/19/2017	SHEET 3 OF 6

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0120	-05 CH'D DIM'S WAS 2.584 1A 2.58, WAS 1.797 IS 1.80. DELETED DIM'S .787 AND .270. ADDED NOTE CENTER OK.	5/19/2017	RJC	JAG



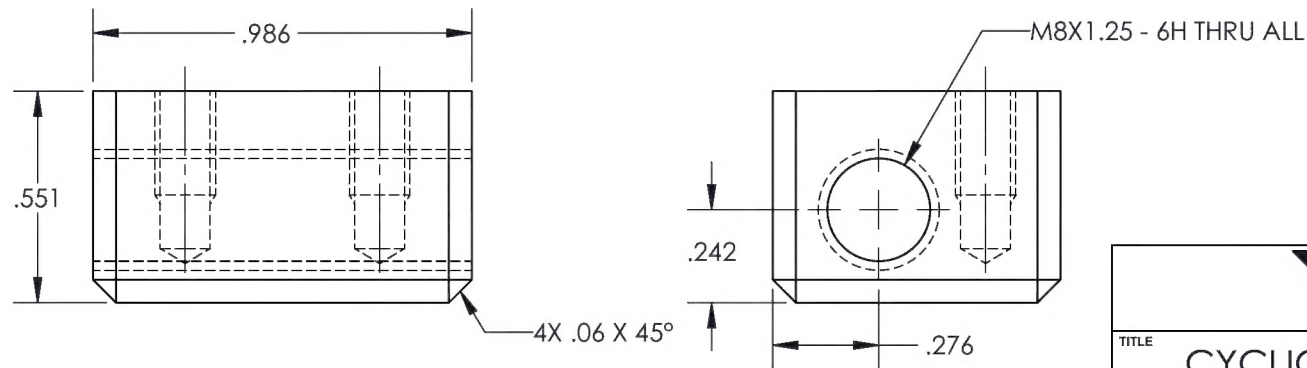
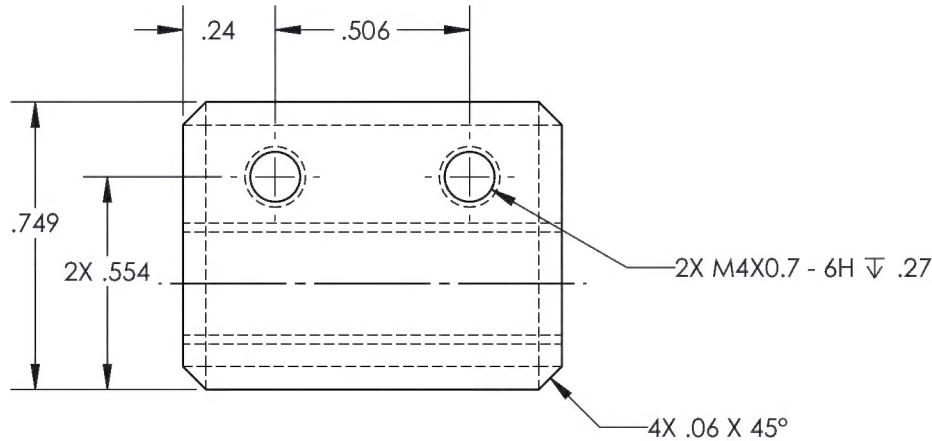
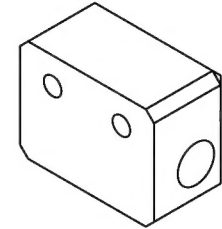
(-05)

ALIGNMENT SCREW

<b>DART AEROSPACE</b>	
TITLE <b>CYCLIC POSITION GAUGE</b>	
DWG NO. <b>RBEL134M6704-101-05</b>	REV <b>2</b>
MAT'L 303/304 S.S.	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± .5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: RJC 05/19/2017	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DD 05/22/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 05/24/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 05/24/2017	USED ON MODEL
APPROVED: JAG 06/01/2017	EC135
SCALE 2:1	DATE 5/19/2017
SHEET 4 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	17-0120	-07 CH'D DIM WAS .240 IS .24.	5/19/2017	RJC	JAG

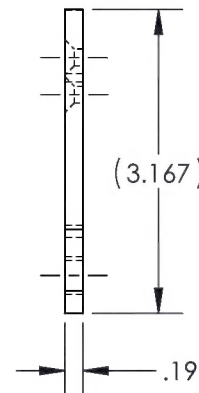
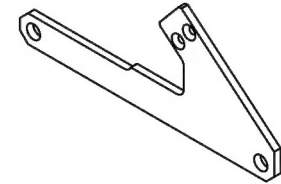
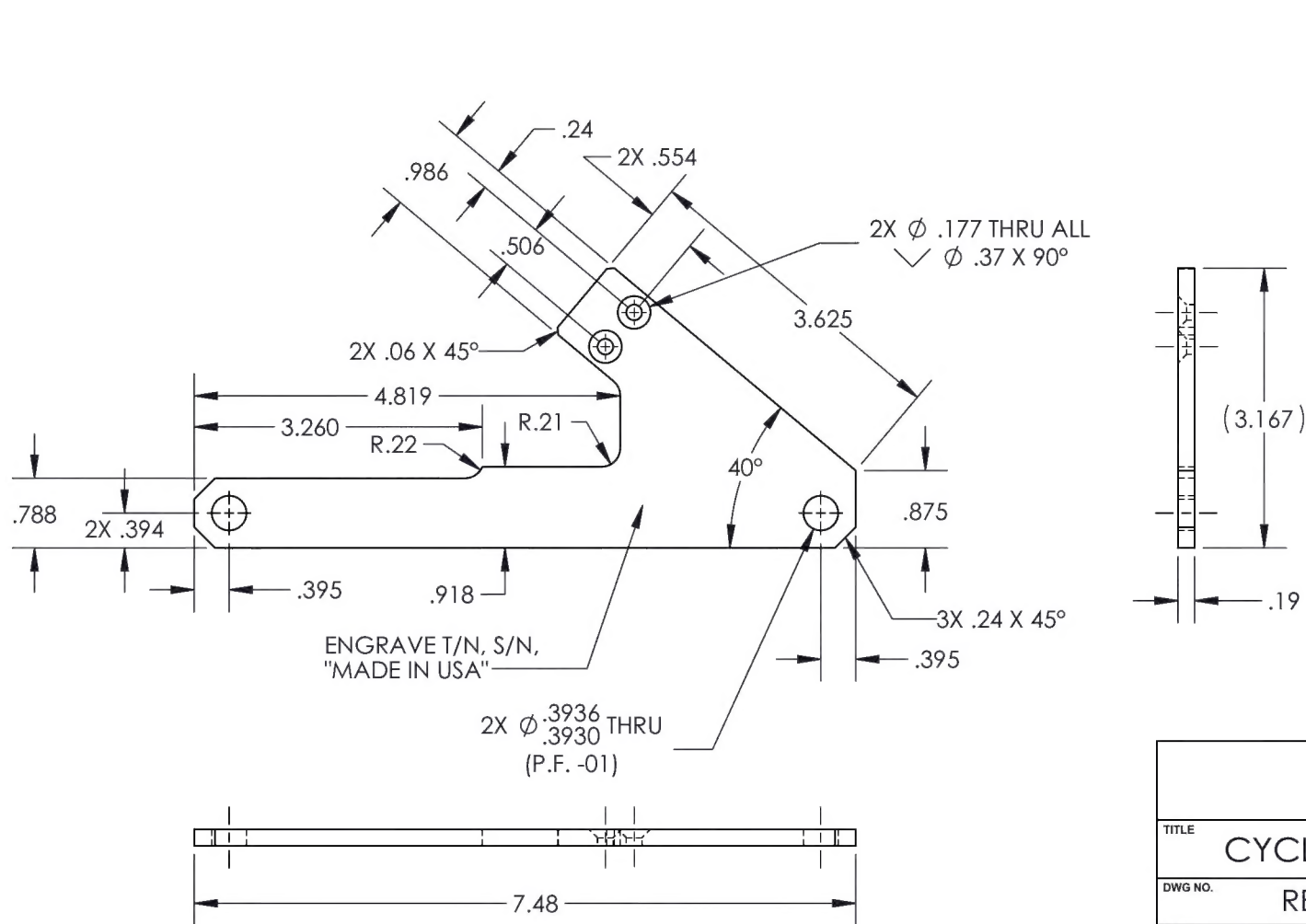


(-07)  
BLOCK

<b>DART AEROSPACE</b>	
TITLE <b>CYCLIC POSITION GAUGE</b>	
DWG NO. <b>RBEL134M6704-101-07</b>	REV <b>2</b>
MAT'L 6061 HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: RJC 05/19/2017 CHECKED: DD 05/22/2017 OPPTS APPR: AA 05/24/2017 QA APPR: JL 05/24/2017 APPROVED: JAG 06/01/2017	
USED ON MODEL EC135	
SCALE 2:1	DATE 5/19/2017
SHEET 5 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
A		CH'D ENGRAVE NOTE, CHANGED Ø.393 PF -55 TO PF -01.	3/11/2011	JAG	
B		-09 ADDED TOLERANCE TO Ø.391 HOLE.	8/11/2011	JAG	SE
2	17-0120	-09 ADDED DIM .24. CH'D DIM WAS Ø.177 THRU C-SINK Ø.37 @82° (x2) IS 2X Ø.177 THRU ALL ✓ Ø.37 X 90°, WAS R.218 IS R.22, WAS R.212 IS R.21, WAS .236 X 45° (x3) IS 3X .24 X 45°. CH'D ENGRAVE NOTE WAS ENGRAVE TOOL No. "RBEL134M6704101" S/N, "MADE IN USA" IS ENGRAVE T/N, S/N, "MADE IN USA".	5/19/2017	RJC	JAG



2X Ø.3936  
Ø.3930 THRU  
(P.F. -01)

(-09)

PLATE

<b>DART AEROSPACE</b>	
TITLE <b>CYCLIC POSITION GAUGE</b>	
DWG NO. <b>RBEL134M6704-101-09</b>	REV <b>2</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH CLEAR ANODIZE	.XX ± .01 ANGLES ± 5°
SPEC MIL-A-8625F, TYPE II, CLASS I	.X ± .1 SURFACES = 125
DRAWN BY: RJC 05/19/2017	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: DD 05/22/2017	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: AA 05/24/2017	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: JL 05/24/2017	USED ON MODEL
APPROVED: JAG 06/01/2017	EC135
SCALE 1:2	DATE 5/19/2017
SHEET 6 OF 6	